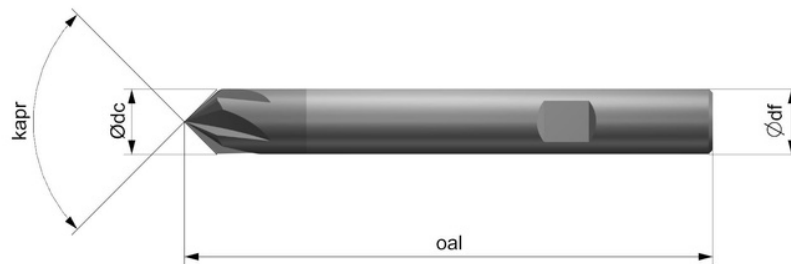


Simply Clever Basic Edition

Designed by TCM

The new TCM Simply Clever Solid Carbide Chamfer Cutter 90° delivers clean and accurate chamfers, supported by the digital data set according to DIN 4000 and ISO 13399, including 2D and 3D models as well as high-quality image material for seamless integration into your system.



Item Number:	SAP No	designation	Ø	z	oal	df	Price per Piece	Set price (5 pcs) / Unit price per set
SCDM 2025-040-90	668225	Chamfer Cutter 90°	4	4	57	4	€ 9,40	€ 44,50 / € 8,90
SCDM 2025-060-90HB	668226	Chamfer Cutter 90°	6	4	59	6	€ 12,20	€ 58,00 / € 11,60
SCDM 2025-080-90HB	668227	Chamfer Cutter 90°	8	5	65	8	€ 16,50	€ 78,00 / € 15,60
SCDM 2025-100-90HB	668228	Chamfer Cutter 90°	10	6	75	10	€ 25,40	€ 120,50 / € 24,10
SCDM 2025-120-90HB	668229	Chamfer Cutter 90°	12	6	87	12	€ 35,80	€ 170,00 / € 34,00



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Recommended cutting data

Cutter Diameter (dc)						
Material Group		4	6	8	10	12
Steel < 800 N/mm ²	vc [m/min]	135	135	135	135	135
	fz [mm]	0,050	0,060	0,070	0,080	0,080
	n [U/min]	10.740	7.160	5.370	4.300	3.580
	vf [mm/min]	2.150	1.720	1.880	2.060	1.720
Steel < 1200 N/mm ²	vc [m/min]	110	110	110	110	110
	fz [mm]	0,030	0,040	0,050	0,060	0,060
	n [U/min]	8.750	5.840	4.380	3.500	2.920
	vf [mm/min]	1.050	930	1.100	1.260	1.050
Steel < 1600 N/mm ²	vc [m/min]	100	100	100	100	100
	fz [mm]	0,025	0,030	0,040	0,050	0,050
	n [U/min]	7.960	5.310	3.980	3.180	2.650
	vf [mm/min]	800	640	800	950	800
Stainless Steel < 800 N/mm ²	vc [m/min]	80	80	80	80	80
	fz [mm]	0,020	0,025	0,030	0,040	0,050
	n [U/min]	6.370	4.240	3.180	2.550	2.120
	vf [mm/min]	510	420	480	610	640
Stainless Steel > 800 N/mm ²	vc [m/min]	60	60	60	60	60
	fz [mm]	0,015	0,020	0,025	0,030	0,040
	n [U/min]	4.770	3.180	2.390	1.910	1.590
	vf [mm/min]	290	250	300	340	380
Gray Cast Iron GJL	vc [m/min]	130	130	130	130	130
	fz [mm]	0,040	0,050	0,060	0,070	0,080
	n [U/min]	10.350	6.900	5.170	4.140	3.450
	vf [mm/min]	1.660	1.380	1.550	1.740	1.660
Ductile Iron GJS	vc [m/min]	110	110	110	110	110
	fz [mm]	0,030	0,040	0,050	0,060	0,060
	n [U/min]	8.750	5.840	4.380	3.500	2.920
	vf [mm/min]	1.050	930	1.100	1.260	1.050
Aluminium Alloys < 8% Si	vc [m/min]	300	300	300	300	300
	fz [mm]	0,060	0,070	0,080	0,100	0,120
	n [U/min]	23.870	15.920	11.940	9.550	7.960
	vf [mm/min]	5.730	4.460	4.780	5.730	5.730
Aluminium Alloys > 8% Si	vc [m/min]	250	250	250	250	250
	fz [mm]	0,048	0,056	0,065	0,080	0,100
	n [U/min]	19.890	13.260	9.950	7.960	6.630
	vf [mm/min]	3.820	2.970	3.230	3.820	3.980
Copper Alloys	vc [m/min]	200	200	200	200	200
	fz [mm]	0,036	0,042	0,048	0,060	0,075
	n [U/min]	15.920	10.610	7.960	6.370	5.310
	vf [mm/min]	2.290	1.780	1.910	2.290	2.390
Titanium Alloys	vc [m/min]	70	70	70	70	70
	fz [mm]	0,015	0,020	0,025	0,030	0,040
	n [U/min]	5.570	3.710	2.790	2.230	1.860
	vf [mm/min]	330	300	350	400	450
Heat-Resistant Alloys	vc [m/min]	50	50	50	50	50
	fz [mm]	0,015	0,020	0,025	0,030	0,040
	n [U/min]	3.980	2.650	1.990	1.590	1.330
	vf [mm/min]	240	210	250	290	320

